

Work Order ID 76572

76572

Page 1

November-17-11 12:52:41 PM

Item ID: D350-689-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Floor Provisions

Stop *NS2*

Start Date: 11/17/11 Start Qty: 2.00

2

Cust Item ID:

Required Date: 11/17/11 Req'd Qty: 2.00

2

Customer:

Reference: ECN11-576 - Rework

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D350-689

B

100

100

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 003

0.00

0.00

Swulzi

Handwritten signature and date 11-11-21 with circled 2.

Work Order ID 76572

76572

Page 2

November-17-11 12:52:41 PM

Item ID: D350-689-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Floor Provisions

Stop ***NS2***

Start Date: 11/17/11 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 11/17/11 Req'd Qty: 2.00 ***2***

Customer:

Reference: ECN11-576

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***

QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
101	Pick Kit	0.00							

101

Packaging

Packaging

Memo

PULL FROM STOCK:

2 X D350-689-013 B70583

ADD TO KITS:

1 X D3234-1 B 76676

1 X D3234-3 B 1041

2 X D3234-5 B 43243

4 X MS21059L3 B 118604 sl 8x

REMOVE FROM KITS AND RETURN TO STOCK:

16 X MS20426AD3-6 B 10505 (32)

17 X MS20426AD4-6 B 110837 (34)

18 X MS20470AD4-5 B 116893 (36)

2 X MS20470AD4-6 B 117395 (4)

30 X MS20470AD5-6 B 105433 (60)

110

QC4- 100% Inspect kits for completeness

0.00

110

QC

Quality Control

Memo

0.00

Sulu/21

(x2)

Picklist Print

November-17-11 12:52:40 PM

Page 1

Work Order ID: 76572

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 11/17/11

Required Date: 11/17/11

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev D 06.02.07 Re-format ec
 IPP rev E 06.02.28 Fixed typo ec
 IPP rev.F 07.01.02 per dsi 9311 ec
 D3033-1 DD verf:EC IPP REV;H 11.11.17 PER IIN REVB DD VERF;
 IPP Rev:G 10.06.07 remove qty 1

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S _{x2} D3234-1 Doubler		Manufactured	No				Each	8.0000		B766768			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST233		8							
				70900		2							
				71140		6							
S ₇₂ D3234-3 Doubler		Manufactured	No				Each	5.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST233		5							
				71141		5							
S ₇₂ D3234-5 Spacer		Manufactured	No				Each	20.0000		2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST042		20							
				43243		20							
D350-689-013 Floor Provisions		Manufactured	No				Each	0.0000					
MS20426AD3-6 Rivet		Purchased	No				Each	2,857.0000		-16			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST316		2857							
				105055		83							
				116289		2774							

Picklist Print

November-17-11 12:52:40 PM

Page 2

Work Order ID: 76572

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 11/17/11

Required Date: 11/17/11

Start Qty: 2.00

Required Qty: 2.00

MS20426AD4-6

Purchased

No

Each

1,343.0000

-17

Rivet

Location

Loc Qty

Loc Code

ST317

1343

110139

201

117505

142

119436

1000

MS20470AD4-5

Purchased

No

Each

2,388.0000

-18

Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

2388

116893

68

118405

2320

MS20470AD4-6

Purchased

No

Each

3,485.0000

-2

Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

3485

117395

56

117887

8

118927

1421

119109

1000

119546

1000

MS20470AD5-6

Purchased

No

Each

1,108.0000

-30

Rivet

Location

Loc Qty

Loc Code

ST320

1108

105433

1108

MS21059L3

Purchased

No

Each

208.0000

4

Nut Plate

Location

Loc Qty

Loc Code

ST301

208

116706

6

118614

102

119546

100

November-17-11 12:52:40 PM

Shop Packet Print

Page 2

76572

Work Order ID 70583

Monday, June 13, 2011 10:27:20 AM

Page 1

Item ID: D350-689-013

Accept

Setup Start

Revision ID:

Item Name: Floor Provisions

Stop

Start Date: 6/10/2011 Start Qty: 2.00

Cust Item ID:

Required Date: 6/22/2011 Req'd Qty: 2.00

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date: 6-10-11

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN D350-689

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 003

Subalzy

CL 11-6-24

101

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

JB 11/06/22

110

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

Subalzy

72

Work Order ID 70583

Monday, June 13, 2011 10:27:20 AM

Page 2

Item ID: D350-689-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Floor Provisions

Start Date: 6/10/2011 Start Qty: 2.00

Required Date: 6/22/2011 Req'd Qty: 2.00

Cust Item ID:



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120  Packaging	Packaging	0.00							
Packaging	Memo Identify and pack for shipping as per PPP D350-689-013 Location: _____ PPP Rev: <u> D </u>	0.00							
130  QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							

MF
11-06-27

Monday, June 13, 2011 10:27:27 AM

Page 1

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 6/10/2011**Required Date:** 6/22/2011



Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP rev D	06.02.07	Re-format	ec
IPP rev E	06.02.28	Fixed typo	ec
IPP rev.F	07.01.02	per dsi 9311	ec
10.06.07	remove qty 1	D3033-1 DD	verf:EC

IPP Rev:G

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN960JD10L 	NAS1149D0332J	Purchased	No			110	Each	0.0000	6	12			
Washer D3025-1 		Manufactured	No			110	Each	3.0000	1	2			
Beam													
												</	

Picklist Print

Monday, June 13, 2011 10:27:27 AM

Page 2

Work Order ID: 70583

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 6/10/2011

Required Date: 6/22/2011

Start Qty: 2.00

Required Qty: 2.00

D3027-3

Manufactured No

110

Each

9.0000



Clip

Location

Loc Qty

Loc Code

ST031

9

22566

9

110

Each

13.0000

D3027-5

Manufactured No



Clip

Location

Loc Qty

Loc Code

ST031

13

22566

13

110

Each

20.0000

D3027-7

Manufactured No



Clip

Location

Loc Qty

Loc Code

ST031

20

70497

20

110

Each

12.0000

D3032-1

Manufactured No



Spacer

Location

Loc Qty

Loc Code

ST177

12

68451

2

68532

10

110

Each

0.0000

D3033-1

Manufactured No



Seat Track

Monday, June 13, 2011 10:27:28 AM

Shop Packet Print

Page 2

Picklist Print

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Page 3

Work Order ID: 70583

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 6/10/2011

Required Date: 6/22/2011

Start Qty: 2.00

Required Qty: 2.00

D3033-3

Manufactured No

110 Each

1.0000



Seat Track



20589 10 25

Location

Loc Qty

Loc Code

ST177

1

68453

1

110

Each

3,557.000

MS20426AD3-6

Purchased

No



Rivet



768 403 10 32

Location

Loc Qty

Loc Code

ST316

3557

105055

147

116289

3410

110

Each

1,470.000

MS20426AD4-6

Purchased

No



Rivet



105055

Location

Loc Qty

Loc Code

ST317

1470

110139

670

117505

800

110

Each

894.0000

MS20470AD4-5

Purchased

No



Rivet, Universal Head



110139

Location

Loc Qty

Loc Code

ST319

894

116893

894

116893

Monday, June 13, 2011 10:27:28 AM

Shop Packet Print

Page 3

Picklist Print

Monday, June 13, 2011 10:27:28 AM

Page 4

Work Order ID: 70583

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Start Date: 6/10/2011

Required Date: 6/22/2011

Start Qty: 2.00

Required Qty: 2.00

MS20470AD4-6 Purchased

No

110

Each

3,609.000

2

4

✓



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

3609

117395

2094

117887

1515

117395

MS20470AD5-6 Purchased

No

110

Each

1,372.000

30

60

✓



Rivet

Location

Loc Qty

Loc Code

ST320

1372

105433

1372

105433

MS21059L3 Purchased

No

110

Each

68.0000

8

16

✓



Nut Plate

Location

Loc Qty

Loc Code

ST301

62

117887

62

ST302

6

116706

6

117887

MS24693-S273 Purchased

No

110

Each

842.0000

2

4

✓



Screw

Location

Loc Qty

Loc Code

ST288

842

100151

742

117291

100

100151

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Shop Packet Print

Page 4

Picklist Print

Monday, June 13, 2011 10:27:28 AM

Page 5

Work Order ID: 70583

Parent Item: D350-689-013

Parent Item Name: Floor Provisions



Start Date: 6/10/2011

Required Date: 6/22/2011

Start Qty: 2.00

Required Qty: 2.00

MS27039-1-10

Purchased

No

110

Each

205.0000

6

12



Screw



JB 11/06/22

Location

Loc Qty

Loc Code

ST290

150

117441

150

ST291

55

115935

55

115935

Ex NAS 11/06/22

4. WEIGHT AND BALANCE

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011 Dual High Back Seat Installation, Fwd Position	27.6 lb 12.5 kg	-18.2 in -0.46 m	-502 in-lb -5.8 m-kg	60.7 in 1.54 m	1675 in-lb 19.3 m-kg
D350-689-013 Floor Provisions Kit, Fwd Position	2.0 lb 0.9 kg	-18.2 in -0.46 m	-36 in-lb -0.4 m-kg	60.7 in 1.54 m	121 in-lb 1.4 m-kg
D350-689-011 Dual High Back Seat Installation, Aft Position	28.1 lb 12.7 kg	-18.2 in -0.46 m	-511 in-lb -5.8 m-kg	63.7 in 1.62 m	1790 in-lb 20.57 m-kg
D350-689-013 Floor Provisions Kit, Aft Position	3.1 lb 1.4 kg	-18.2 in -0.46 m	-56 in-lb -0.6 m-kg	62.2 in 1.58 m	193 in-lb 2.2 m-kg
D350-689-015 Seat Modification Kit	1.0 lb 0.5 kg	-17.2 in -0.44 m	-17 in-lb -0.22 m-kg	60.7 in 1.54 m	61 in-lb 0.77 m-kg
D350-689-017 Shoulder Harness, Fwd Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-kg	60.7 in 1.54 m	267 in-lb 3.08 m-kg
D350-689-017 Shoulder Harness, Aft Position	4.4 lb 2.00 kg	-18.2 in -0.46 m	-80.1 in-lb -0.92 m-kg	64.7 in 1.64 m	285 in-lb 3.28 m-kg
D350-689-019 Control Guard, Fwd Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-kg	60.7 in 1.54 m	30 in-lb 0.35 m-kg
D350-689-019 Control Guard, Aft Position	0.5 lb 0.23 kg	-9.0 in -0.23 m	-4.5 in-lb -0.05 m-kg	64.7 in 1.64 m	32 in-lb 0.38 m-kg
D350-689-021 Dual High Seat Back Installation, LH Fwd Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-kg	60.7 in 1.54 m	1772 in-lb 20.3 m-kg
D350-689-021 Dual High Seat Back Installation, LH Aft Position	29.2 lb 13.2 kg	-18.2 in -0.46 m	-531 in-lb -6.1 m-kg	64.7 in 1.64 m	1889 in-lb 21.6 m-kg
D350-689-023 Energy Attenuating Floor Provisions Kit	2.5 lb 1.1 kg	-18.2 in -0.46 m	-46 in-lb -0.5 m-kg	62.2 in 1.58 m	156 in-lb 1.7 m-kg

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X									D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X								D350-689-013	FLOOR PROVISIONS KIT
		X							D350-689-015	SEAT MODIFICATION KIT
			X						D350-689-017	SHOULDER HARNESS KIT
				X					D350-689-019	CONTROL GUARD KIT
					X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH
					1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISIONS KIT
1							X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
					1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY
							2	2	D3016-041	SEAT FRAME ASSEMBLY
							1	1	D3017-041	BACK FRAME ASSEMBLY
1					1				D3018-1	SEAT CUSHION
1					1				D3019-1	BACK CUSHION
							1	1	D3021-041	TUBE ASSEMBLY
							1	1	D3022-1	SEAT PAN
							1	1	D3023-1	BACK PANEL
							3	3	D3024-1	SPACER
	1								D3025-1	BEAM

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Revision: B

Date: 11.07.22

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
	1					1			D3026-1	CHANNEL
	1								D3027-1	CLIP
	1								D3027-3	CLIP
	1								D3027-5	CLIP
	4					4			D3027-7	CLIP
							4		D3028-1	STUD
		2					2		D3029-1	SPRING
		2					2		D3030-1	LOCK
							2	2	D3031-1	LOOP
	1								D3032-1	SPACER
	2	1							D3033-1	SEAT TRACK
		4							D3059-1	STUD
		4							D3060-1	BUSHING
		4							D3061-1	RADIUS BLOCK
				1					D3084-3	STRUT
	1								D3234-1	DOUBLER
	2								D3234-3	DOUBLER
									D3234-5	SPACER
								2	D3808-041	SEAT RAIL ASSEMBLY
								4	D3809-1	SLIDING BLOCK
						1			D3811-041	SEAT TRACK ASSEMBLY
			2						D4071-041	SHOULDER HARDNESS ASSY
							3	3	AN3-12A	BOLT
				1					AN4-12A	BOLT
				1					AN4-20A	BOLT
			2						AN5-4A	BOLT
							40	40	MS20600AD4W2	RIVET
							6	6	MS20600AD4W3	RIVET
						9	17	17	MS21042L3	NUT (OR MS21042-3)
				2			6	6	MS21042L4	NUT (OR MS21042-4)
		4	2						MS21042L5	NUT (OR MS21042-5)
12	4								MS21059L3	NUTPLATE
							4	4	MS24693-S272	SCREW
2	1								MS24693-S273	SCREW
								8	MS24694-S3	SCREW
						9			MS24694-S50	SCREW
								4	MS24694-S148	SCREW
6	3								MS27039-1-10	SCREW
							4	4	MS27039-1-17	SCREW
							6	6	MS27039-1-19	SCREW
							6	6	MS27039-4-21	SCREW
							17	17	NAS1149D0332J	WASHER (OR AN960JD10L)
						9			NAS1149D0363J	WASHER (OR AN960JD10L)
				8					NAS1149D0416J	WASHER (OR AN960JD416L)
							6	6	NAS1149D0432J	WASHER (OR AN960JD416L)
			4						NAS1149D0516J	WASHER (OR AN960JD516L)
	4								NAS1149D0563J	WASHER (OR AN960JD516L)
				2					NAS43DD4-46N	SPACER

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Revision: B

Date: 11.07.22

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

Date: 11.05.17	Job No.: ENG2106	ADR Yes/No: <input checked="" type="checkbox"/> Y	ADR Date: 11.05.17	ECN #: 11- 576
Product No.: D350-689		Created By: <i>[Signature]</i>	Approved By: <i>[Signature]</i>	
Product Name: DUAL HIGH BACK SEAT		Checked By: <i>[Signature]</i>	General Manager Approval: <i>[Signature]</i>	

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	UMF	<i>[Signature]</i> 11.05.17
Purchasing Coord.	N		
Production Engineering Coord.	Y	DD/EC	<i>[Signature]</i> 11.05.18
			<i>[Signature]</i> 11.05.24

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	N		
Customer Technical Support	N		
Marketing	N		
Customer Order Processing	N		

Reason for Change:
TO ADDRESS FIT ISSUE WHEN INSTALLED ON AS350 B3

Documents Affected:
RELEASE D3025 REV. B AND D3026 REV. C

PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	N		NONE	
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		
11	Update Product Specification Files	N			11.05.24 <i>[Signature]</i>
12	Update Approved/Preliminary Dwg PDF Files	Y			
13	Update Document Record (DR)	Y	MB	DR-D350-689 REV. I	11.5.18 <i>[Signature]</i>
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	SEE BELOW	11.5.18 <i>[Signature]</i>
19	Create / Update PPP's	Y	KJ	UPDATE AS REQUIRED	11.5.18 <i>[Signature]</i>
20	Red Decals required?	Y	KJ	UPDATE AS REQUIRED	11.5.18 <i>[Signature]</i>
21	Update Document Control Database / Laminated Dwgs	N			11.5.18 <i>[Signature]</i>
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ	WITH DR AND ADR	11.5.24 <i>[Signature]</i>
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		11.5.24 <i>[Signature]</i>
24					

Description / Action:

D350-689-011 NOW @ CHG 004
D350-689-013/-021 NOW @ CHG 003
D350-689-023 NOW @ CHG 002

KITS IN STOCK ARE AFFECTED BY THIS CHANGE.

ECN Verified & Complete: *[Signature]*

Date: 11/26/10